

Agriculture and Natural Resources Appropriations Act House File 2491

Last Action:

ENACTED

No Vetoes

June 1, 2018

An Act relating to and making appropriations and related statutory changes involving state government entities involved with agriculture, natural resources, and environmental protection.

**Fiscal Services Division
Legislative Services Agency**

NOTES ON BILLS AND AMENDMENTS (NOBA)

Available online at www.legis.iowa.gov/publications/information/appropriationBillAnalysis

LSA Staff Contact: Deb Kozel (515.281.6767)

FUNDING SUMMARY

FY 2019 Funding: Appropriates a total of \$39.4 million from the General Fund and 1,569.0 FTE positions for FY 2019. This is an increase of \$825,000 and 143.0 FTE positions compared to estimated net FY 2018. The General Fund increase includes:

Page 2, Line 1

- An increase of \$571,000 for operations in the Department of Agriculture and Land Stewardship (DALs).
- An increase of \$150,000 for the Foreign Animal Disease Program.
- An increase of \$379,000 for operations in the Department of Natural Resources (DNR).
- A decrease of \$375,000 for the Floodplain Management and Dam Safety Program.
- An increase of \$100,000 for the Iowa State University (ISU) Veterinary Diagnostic Laboratory.

Reduced General Fund appropriations for FY 2018 by \$189,000 for the DALs, and by \$123,000 for the DNR, in [SF 2117](#) (FY 2018 Budget Adjustment Act),

Authorized FY 2019 FTE positions at the same level as the number of positions authorized during the 2017 Legislative Session in [SF 510](#) (FY 2018 Agriculture and Natural Resources Appropriations Act).

Appropriates \$90.4 million from Other Funds, which is a net increase of \$110,000 compared to estimated net FY 2018.

MAJOR INCREASES/DECREASES/TRANSFERS OF EXISTING PROGRAMS

General Fund - DALs Administrative Division: Appropriates a total of \$18.0 million from the General Fund and 372.0 FTE positions for FY 2019. This is an increase of \$571,000 and 55.0 FTE positions compared to estimated net FY 2018 for Department operations.

Page 2, Line 7

Watershed Improvement Fund - DALs Farm Management Demonstration Program: Appropriates \$100,000 from the Watershed Improvement Fund to the Farm Management Demonstration Program. This is a decrease of \$275,000 compared to estimated net FY 2018 and a change in funding source. For FY 2018, the Program was funded from the Environment First Fund. The moneys are transferred to the Iowa Soybean Association for the Environmental Performance Program, which assists farmers with making decisions related to improving the environment. This includes watershed planning, water monitoring, conservation planning, and conservation drainage.

Page 4, Line 4

General Fund - DALs Foreign Animal Disease Program: Appropriates a total of \$250,000 from the General Fund for FY 2019. This is an increase of \$150,000 compared to estimated net FY 2018. The

Page 7, Line 14

EXECUTIVE SUMMARY

AGRICULTURE AND NATURAL RESOURCES APPROPRIATIONS ACT

HOUSE FILE 2491

increase is to develop a Foreign Animal Disease Strategy.

General Fund - DNR Operations: Appropriates a total of \$11.6 million from the General Fund and 1,146.0 FTE positions for FY 2019. This is an increase of \$379,000 and 88.0 FTE positions for operations compared to estimated net FY 2018.

Page 10, Line 15

General Fund - DNR Floodplain Management Program and Dam Safety: Appropriates a total of \$1.5 million from the General Fund for FY 2019. This is a decrease of \$375,000 compared to estimated net FY 2018. Section 20 of this Act appropriates \$375,000 to the Program from the Environment First Fund.

Page 13, Line 18

General Fund - Iowa State University (ISU): Appropriates \$4.1 million and 51.0 FTE positions to ISU for the Veterinary Diagnostic Laboratory. This is an increase of \$100,000 and maintains the current level of FTE positions compared to estimated net FY 2018.

Page 14, Line 27

Environment First Fund (EFF): Appropriates \$42.0 million from the EFF and maintains the current level of funding compared to estimated net FY 2018. Major program funding changes include:

Page 15, Line 25

- A decrease of \$375,000 for the Farm Management Demonstration Program.
- An increase of \$375,000 for the Floodplain Management and Dam Safety Program.
- No change in funding, but moves the Water Quantity Program and the Geological and Water Survey Program from the DNR to the University of Iowa.

Loess Hills Development and Conservation Fund Transfer: Transfers \$490,000 from the Soil and Water Conservation Cost Share Program to the Loess Hills Development and Conservation Fund. Allocates \$450,000 to the Hungry Canyons Program and \$40,000 to the Loess Hills Alliance Account. Allows the Hungry Canyons Program to use up to 5.0% of the allocation for administrative costs and the Loess Hills Alliance Account to use up to 10.0%.

Page 17, Line 23

Environment First Fund - Floodplain Management and Dam Safety Program: Appropriates \$375,000 for the Program for FY 2019. This is in addition to the \$1.5 million General Fund appropriation for the Program in Section 16 of the Act.

Page 20, Line 31

Environment First Fund - Resource Enhancement and Protection (REAP) Fund: Appropriates \$12.0 million from the Environment First Fund in lieu of the \$20.0 million General Fund standing appropriation.

Page 24, Line 18

Environment First Fund - REAP Fund: Makes two allocations from the REAP Fund for State park operations and maintenance for FY 2019:

Page 24, Line 28

- An allocation of \$2.0 million from the REAP Fund prior to any other allocations.

EXECUTIVE SUMMARY

HOUSE FILE 2491

AGRICULTURE AND NATURAL RESOURCES APPROPRIATIONS ACT

- An allocation of \$1.0 million from the Open Spaces Account.

STUDIES AND INTENT

Requires the DNR to allocate 50.0 FTE positions to State park operations for seasonal maintenance and upkeep. This does not impact park ranger or park manager positions.

Page 10, Line 28

SIGNIFICANT CODE CHANGES

Iowa Code changes relating to the Fish and Game Protection Fund include:

Page 11, Line 11

- Permitting the DNR to use unappropriated funds in the Fish and Game Protection Fund to provide compensation to retiring conservation peace officers. This includes payment of insurance premiums and unused sick leave.
- Permitting the DNR to use unappropriated funds from the Fish and Game Protection Fund for FY 2019 salary increases.

Specifies methods available to the State Geologist at the University of Iowa to assist the DNR in evaluating the water resources of the State.

Page 25, Line 21

ENACTMENT DATE

This Act was approved by the General Assembly on May 1, 2018, and signed by the Governor on June 1, 2018.

STAFF CONTACT: Deb Kozel (515.281.6767) deb.kozel@legis.iowa.gov

House File 2491 provides for the following changes to the Code of Iowa.

Page #	Line #	Bill Section	Action	Code Section
25	21	26	New	455B.262B
25	28	27	New	456.14

2 1 DIVISION I
 2 2 DEPARTMENT OF AGRICULTURE AND LAND STEWARDSHIP
 2 3 GENERAL APPROPRIATION
 2 4 GENERAL FUND

2 5 Section 1. 2017 Iowa Acts, chapter 168, section 36, is
 2 6 amended to read as follows:

2 7 SEC. 36. GENERAL FUND — DEPARTMENT.

2 8 1. There is appropriated from the general fund of the state
 2 9 to the department of agriculture and land stewardship for the
 2 10 fiscal year beginning July 1, 2018, and ending June 30, 2019,
 2 11 the following amount, or so much thereof as is necessary, to be
 2 12 used for the purposes designated:

2 13 For purposes of supporting the department, including its
 2 14 divisions, for administration, regulation, and programs; for
 2 15 salaries, support, maintenance, and miscellaneous purposes; and
 2 16 for not more than the following full-time equivalent positions:

2 17	..... \$	8,820,288
2 18		<u>18,023,339</u>
2 19	..... FTEs	372.00

2 20 2. Of the amount appropriated in subsection 1, the following
 2 21 amount is transferred to Iowa state university of science and
 2 22 technology, to be used for the university's midwest grape and
 2 23 wine industry institute:

2 24	..... \$	144,000
2 25		<u>288,000</u>

2 26 3. The department shall submit a report each quarter of the
 2 27 fiscal year to the legislative services agency, the department
 2 28 of management, the members of the joint appropriations
 2 29 subcommittee on agriculture and natural resources, and the
 2 30 chairpersons and ranking members of the senate and house
 2 31 committees on appropriations. The report shall describe in
 2 32 detail the expenditure of moneys appropriated in this section
 2 33 to support the department's administration, regulation, and
 2 34 programs.

2 35 DESIGNATED APPROPRIATIONS
 3 1 MISCELLANEOUS SOURCES

3 2 Sec. 2. 2017 Iowa Acts, chapter 168, section 37, is amended
 3 3 to read as follows:

3 4 SEC. 37. UNCLAIMED PARI-MUTUEL WAGERING WINNINGS —

General Fund appropriation to the Department of Agriculture and Land Stewardship (DALs).

DETAIL: This is an increase of \$571,451 and 55.03 FTE positions compared to estimated net FY 2018. The FY 2019 FTE positions are authorized at the same level as the number of positions authorized during the 2017 Legislative Session in [SF 510](#) (FY 2018 Agriculture and Natural Resources Appropriations Act). The Department received an overall General Fund reduction of \$188,688 for FY 2018 in [SF 2117](#) (FY 2018 Budget Adjustment Act).

Transfers \$288,000 of the General Fund appropriation to the DALs to the Midwest Grape and Wine Industry Institute at Iowa State University (ISU).

DETAIL: Maintains the current level of funding compared to estimated net FY 2018.

Requires the DALs to submit a quarterly report to the Legislative Services Agency (LSA), the Department of Management (DOM), the members of the Agriculture and Natural Resources Appropriations Subcommittee, and the Chairpersons and Ranking Members of the Appropriations Committees detailing the expenditure of the moneys appropriated.

Native Horse and Dog Program appropriation to the DALs from the

3 5 HORSE AND DOG RACING. There is appropriated from the moneys
 3 6 available under section 99D.13 to the department of agriculture
 3 7 and land stewardship for the fiscal year beginning July 1,
 3 8 2018, and ending June 30, 2019, the following amount, or so
 3 9 much thereof as is necessary, to be used for the purposes
 3 10 designated:

3 11 For purposes of supporting the department's administration
 3 12 and enforcement of horse and dog racing law pursuant to section
 3 13 99D.22, including for salaries, support, maintenance, and
 3 14 miscellaneous purposes:

3 15	.....	\$	147,758
3 16			<u>305,516</u>

3 17 Sec. 3. 2017 Iowa Acts, chapter 168, section 38, is amended
 3 18 to read as follows:

3 19 SEC. 38. RENEWABLE FUEL INFRASTRUCTURE FUND — MOTOR FUEL
 3 20 INSPECTION.

3 21 1. There is appropriated from the renewable fuel
 3 22 infrastructure fund created in section 159A.16 to the
 3 23 department of agriculture and land stewardship for the fiscal
 3 24 year beginning July 1, 2018, and ending June 30, 2019, the
 3 25 following amount, or so much thereof as is necessary, to be
 3 26 used for the purposes designated:

3 27 For purposes of the inspection of motor fuel, including
 3 28 salaries, support, maintenance, and miscellaneous purposes:

3 29	.....	\$	250,000
3 30			<u>500,000</u>

3 31 2. The department shall establish and administer programs
 3 32 for the auditing of motor fuel including biofuel processing
 3 33 and production plants, for screening and testing motor fuel,
 3 34 including renewable fuel, and for the inspection of motor fuel
 3 35 sold by dealers including retail dealers who sell and dispense
 4 1 motor fuel from motor fuel pumps.

4 2 Sec. 4. 2017 Iowa Acts, chapter 168, is amended by adding
 4 3 the following new section:

4 4 NEW SECTION 38A. MONEYS CREDITED TO THE WATERSHED
 4 5 IMPROVEMENT FUND — FARM MANAGEMENT DEMONSTRATION
 4 6 PROGRAM. Notwithstanding 2017 Iowa Acts, chapter 168, section
 4 7 22, as amended by 2017 Iowa Acts, chapter 170, section 42,
 4 8 of the moneys credited to the watershed improvement fund
 4 9 that are unencumbered or unobligated and managed by and
 4 10 otherwise appropriated to the department of agriculture and
 4 11 land stewardship pursuant to those sections, the department
 4 12 shall expend the following amount, or so much thereof as is

unclaimed pari-mutuel receipts winnings for enforcement of horse and
 dog racing laws.

DETAIL: This is an increase of \$10,000 compared to estimated net FY
 2018.

Renewable Fuel Infrastructure Fund appropriation to the DALS for
 motor fuel inspections.

DETAIL: Maintains the current level of funding compared to estimated
 net FY 2018.

Specifies the duties related to motor fuel inspection to be completed by
 the DALS.

CODE: Appropriates \$100,000 from the Watershed Improvement Fund
 to the Farm Management Demonstration Program.

DETAIL: This is a decrease of \$275,000 compared to estimated net FY
 2018 and a change in funding source. For FY 2018, the Program was
 funded from the Environment First Fund (EFF). The moneys are
 transferred to the Iowa Soybean Association for the Environmental
 Performance Program, which assists farmers with making decisions
 related to improving the environment. This includes watershed

4 13 necessary, for the fiscal year beginning July 1, 2018, and
 4 14 ending June 30, 2019, for the purpose designated:
 4 15 1. For the continuation of a statewide voluntary
 4 16 farm management demonstration program to demonstrate the
 4 17 effectiveness and adaptability of emerging practices in
 4 18 agronomy that protect water resources and provide other
 4 19 environmental benefits:
 4 20 \$ 100,000
 4 21 2. The amount required to be expended by the department of
 4 22 agriculture and land stewardship pursuant to subsection 1 shall
 4 23 be allocated by the department to an organization representing
 4 24 soybean growers to provide for an agriculture and environment
 4 25 performance program in the same manner as enacted in 2017 Iowa
 4 26 Acts, chapter 168, section 17, subsection 3.

planning, water monitoring, conservation planning, and conservation
 drainage.

4 27 SPECIAL APPROPRIATIONS
 4 28 GENERAL FUND

4 29 Sec. 5. 2017 Iowa Acts, chapter 168, section 39, is amended
 4 30 to read as follows:

4 31 SEC. 39. DAIRY REGULATION.

General Fund appropriation to the DALS for the Dairy Survey Program.

4 32 1. There is appropriated from the general fund of the state
 4 33 to the department of agriculture and land stewardship for the
 4 34 fiscal year beginning July 1, 2018, and ending June 30, 2019,
 4 35 the following amount, or so much thereof as is necessary, to be
 5 1 used for the purposes designated:

DETAIL: Maintains the current level of funding compared to estimated
 net FY 2018. The DALS annually certifies all milk labeled Grade "A"
 pasteurized and Grade "A" raw milk for pasteurization. When the
 survey results show that requirements for production, processing, and
 distribution are not met, the DALS initiates procedures to suspend the
 permit of the violator.

5 2 For purposes of performing functions pursuant to section
 5 3 192.109, including conducting a survey of grade "A" milk and
 5 4 certifying the results to the secretary of agriculture:
 5 5 \$ 94,598
 5 6 189,196

5 7 2. Notwithstanding section 8.33, moneys appropriated in
 5 8 this section that remain unencumbered or unobligated at the
 5 9 close of the fiscal year shall not revert but shall remain
 5 10 available to be used for the purposes designated until the
 5 11 close of the succeeding fiscal year.

CODE: Allows unexpended funds from the Dairy Survey Program to
 carry forward for expenditure in FY 2020.

5 12 Sec. 6. 2017 Iowa Acts, chapter 168, section 40, is amended
 5 13 to read as follows:

5 14 SEC. 40. LOCAL FOOD AND FARM PROGRAM.

General Fund appropriation to the DALS for the Local Food and Farm
 Program.

5 15 1. There is appropriated from the general fund of the state
 5 16 to the department of agriculture and land stewardship for the
 5 17 fiscal year beginning July 1, 2018, and ending June 30, 2019,
 5 18 the following amount, or so much thereof as is necessary, to be
 5 19 used for the purposes designated:

DETAIL: Maintains the current level of funding compared to estimated
 net FY 2018. The Program requires the DALS to work in cooperation
 with ISU Extension and Outreach. The Program facilitates

5 20 For purposes of supporting the local food and farm program
 5 21 pursuant to chapter 267A:
 5 22\$ 37,500
 5 23 75,000

communication among farmers, food entrepreneurs, and consumers while encouraging coordination among various government agencies, universities, organizations, and businesses. In addition, the Program funds special projects in local food markets.

5 24 2. The department shall enter into a cost-sharing agreement
 5 25 with Iowa state university of science and technology to support
 5 26 the local food and farm program coordinator position as part of
 5 27 the university's cooperative extension service in agriculture
 5 28 and home economics pursuant to chapter 267A.

Requires the DALs to have a cost-sharing agreement with ISU to coordinate the Local Food and Farm Program.

5 29 3. Notwithstanding section 8.33, moneys appropriated in
 5 30 this section that remain unencumbered or unobligated at the
 5 31 close of the fiscal year shall not revert but shall remain
 5 32 available to be used for the purposes designated until the
 5 33 close of the succeeding fiscal year.

CODE: Allows unexpended funds from the Local Food and Farm Program appropriation to carry forward for expenditure in FY 2020.

5 34 Sec. 7. 2017 Iowa Acts, chapter 168, section 41, is amended
 5 35 to read as follows:

6 1 SEC. 41. AGRICULTURAL EDUCATION.

General Fund appropriation to the DALs for the Iowa Future Farmers of America (FFA).

6 2 1. There is appropriated from the general fund of the state
 6 3 to the department of agriculture and land stewardship for the
 6 4 fiscal year beginning July 1, 2018, and ending June 30, 2019,
 6 5 the following amount, or so much thereof as is necessary, to be
 6 6 used for the purposes designated:

DETAIL: Maintains the current level of funding compared to estimated net FY 2018. The FFA is a student organization for those interested in agriculture, education, and leadership. The organization works with individual students and guides them to achieve personal growth through agricultural education.

6 7 For purposes of allocating moneys to an Iowa association
 6 8 affiliated with a national organization which promotes
 6 9 agricultural education providing for future farmers:
 6 10\$ 42,500
 6 11 25,000

6 12 2. Notwithstanding section 8.33, moneys appropriated in
 6 13 this section that remain unencumbered or unobligated at the
 6 14 close of the fiscal year shall not revert but shall remain
 6 15 available to be used for the purposes designated until the
 6 16 close of the succeeding fiscal year.

CODE: Allows unexpended funds from the Iowa FFA appropriation to carry forward for expenditure in FY 2020.

6 17 Sec. 8. 2017 Iowa Acts, chapter 168, section 42, is amended
 6 18 to read as follows:

General Fund appropriation to the DALs for the Farmers with Disabilities Program.

6 19 SEC. 42. FARMERS WITH DISABILITIES PROGRAM.

6 20 1. There is appropriated from the general fund of the state
 6 21 to the department of agriculture and land stewardship for the
 6 22 fiscal year beginning July 1, 2018, and ending June 30, 2019,
 6 23 the following amount, or so much thereof as is necessary, to be
 6 24 used for the purposes designated:

DETAIL: Maintains the current level of funding compared to estimated net FY 2018. Funds appropriated will be used by the Easter Seals Society of Iowa for the Rural Solutions Program.

6 25 For purposes of supporting a program for farmers with
 6 26 disabilities:

6 27\$ 65,000
 6 28130,000

6 29 2. The moneys appropriated in subsection 1 shall be used for
 6 30 the public purpose of providing a grant to a national nonprofit
 6 31 organization with over 80 years of experience in assisting
 6 32 children and adults with disabilities and special needs. The
 6 33 moneys shall be used to support a nationally recognized program
 6 34 that began in 1986 and has been replicated in at least 30 other
 6 35 states, but which is not available through any other entity
 7 1 in this state, and that provides assistance to farmers with
 7 2 disabilities in all 99 counties to allow the farmers to remain
 7 3 in their own homes and be gainfully engaged in farming through
 7 4 provision of agricultural worksite and home modification
 7 5 consultations, peer support services, services to families,
 7 6 information and referral, and equipment loan services.

Moneys appropriated will support the Rural Solutions Program, which began in 1986 and provides assistance to farm family members and rural residents with disabilities. The Easter Seals Society of Iowa offers agricultural work site and home modification consultations, peer support, and services for the family.

7 7 3. Notwithstanding section 8.33, moneys appropriated in
 7 8 this section that remain unencumbered or unobligated at the
 7 9 close of the fiscal year shall not revert but shall remain
 7 10 available for expenditure for the purposes designated until the
 7 11 close of the succeeding fiscal year.

CODE: Allows unexpended funds from the Farmers with Disabilities Program appropriation to carry forward for expenditure in FY 2020.

7 12 Sec. 9. 2017 Iowa Acts, chapter 168, is amended by adding
 7 13 the following new section:

7 14 NEW SECTION SEC. 42A. FOREIGN ANIMAL DISEASES AFFLICTING
 7 15 LIVESTOCK. There is appropriated from the general fund of the
 7 16 state to the department of agriculture and land stewardship for
 7 17 the fiscal year beginning July 1, 2018, and ending June 30,
 7 18 2019, the following amount, or so much thereof as is necessary,
 7 19 to be used for the purposes designated:
 7 20 For deposit in the foreign animal disease preparedness and
 7 21 response fund created in section 163.3B:
 7 22\$ 250,000

General Fund appropriation to the DALs for the Foreign Animal Disease Program.

DETAIL: This is an increase of \$150,000 compared to estimated net FY 2018. The increase is for the development of a Foreign Animal Disease Strategy.

7 23 DIVISION II
 7 24 DEPARTMENT OF AGRICULTURE AND LAND STEWARDSHIP
 7 25 GENERAL WATER QUALITY INITIATIVE APPROPRIATION
 7 26 GENERAL FUND

7 27 Sec. 10. 2017 Iowa Acts, chapter 168, section 43, is amended
 7 28 to read as follows:

7 29 SEC. 43. WATER QUALITY INITIATIVE — GENERAL.
 7 30 1. There is appropriated from the general fund of the state
 7 31 to the department of agriculture and land stewardship for the
 7 32 fiscal year beginning July 1, 2018, and ending June 30, 2019,

General Fund appropriation to the DALs for the Water Quality Initiative (WQI) administered by the Division of Soil Conservation and Water Quality.

7 33 the following amount, or so much thereof as is necessary, to be
 7 34 used for the purposes designated:
 7 35 For deposit in the water quality initiative fund created in
 8 1 section 466B.45, for purposes of supporting the water quality
 8 2 initiative administered by the division of soil conservation
 8 3 and water quality as provided in section 466B.42, including
 8 4 salaries, support, maintenance, and miscellaneous purposes:
 8 5\$ 1,500,000
 8 6 3,000,000

8 7 2. a. The moneys appropriated in subsection 1 shall be
 8 8 used to support projects in subwatersheds as designated by the
 8 9 division that are part of high-priority watersheds identified
 8 10 by the water resources coordinating council established
 8 11 pursuant to section 466B.3.
 8 12 b. The moneys appropriated in subsection 1 shall be used to
 8 13 support projects in watersheds generally, including regional
 8 14 watersheds, as designated by the division and high-priority
 8 15 watersheds identified by the water resources coordinating
 8 16 council established pursuant to section 466B.3.

8 17 3. In supporting projects in subwatersheds and watersheds
 8 18 as provided in subsection 2, all of the following shall apply:
 8 19 a. The demonstration projects shall utilize water quality
 8 20 practices as described in the ~~latest revision of the document~~
 8 21 ~~entitled "Iowa Nutrient Reduction Strategy" initially presented~~
 8 22 ~~in November 2012 by the department of agriculture and land~~
 8 23 ~~stewardship, the department of natural resources, and Iowa~~
 8 24 ~~state university of science and technology Iowa nutrient~~
 8 25 reduction strategy as defined in section 455B.171, as amended
 8 26 by 2018 Iowa Acts, Senate File 512, section 18.
 8 27 b. The division shall implement demonstration projects as
 8 28 provided in paragraph "a" by providing for participation by
 8 29 persons who hold a legal interest in agricultural land used in
 8 30 farming. To every extent practical, the division shall provide
 8 31 for collaborative participation by such persons who hold a
 8 32 legal interest in agricultural land located within the same
 8 33 subwatershed.
 8 34 c. The division shall implement a demonstration project on
 8 35 a cost-share basis as determined by the division. However,
 9 1 except for edge-of-field practices, the state's share of the
 9 2 amount shall not exceed 50 percent of the estimated cost of
 9 3 establishing the practice as determined by the division or
 9 4 50 percent of the actual cost of establishing the practice,
 9 5 whichever is less.
 9 6 d. The demonstration projects shall be used to educate other
 9 7 persons about the feasibility and value of establishing similar
 9 8 water quality practices. The division shall promote field day

DETAIL: Maintains the current level of funding compared to estimated net FY 2018. Section 22 of this Act appropriates an additional \$2,375,000 from the EFF.

Requires the funds to be used to support projects in high-priority watersheds as identified by the Water Resources Coordinating Council.

Specifies criteria for projects in high-priority watersheds as follows:

- Requires demonstration projects to utilize water quality practices described in the Iowa Nutrient Reduction Strategy as defined in Iowa Code section [455B.171](#).
- Requires the DALS to collaborate with agricultural landowners in targeted watersheds.
- Prohibits the State's cost-share amount for water quality protection practices from exceeding 50.00% of the value of the practices, except for edge-of-field practices.
- Requires demonstration projects to educate the public about water quality practices.
- Requires the DALS to conduct water quality evaluations within targeted watersheds and to create a database of water quality practices. Specifies that all information received is a confidential record and exempt from public access.

9 9 events for purposes of allowing interested persons to establish
9 10 water quality practices on their agricultural land.
9 11 e. The division shall conduct water quality evaluations
9 12 within supported subwatersheds. Within a reasonable period
9 13 after accumulating information from such evaluations, the
9 14 division shall create an aggregated database of water quality
9 15 practices. Any information identifying a person holding a
9 16 legal interest in agricultural land or specific agricultural
9 17 land shall be a confidential record under section 22.7.

9 18 4. The moneys appropriated in subsection 1 shall be used
9 19 to support education and outreach in a manner that encourages
9 20 persons who hold a legal interest in agricultural land used for
9 21 farming to implement water quality practices, including the
9 22 establishment of such practices in watersheds generally, and
9 23 not limited to subwatersheds or high-priority watersheds.

Requires the DALS to use funds to support education and outreach to encourage agricultural producers to establish water quality practices.

9 24 5. The moneys appropriated in subsection 1 may be used
9 25 to contract with persons to coordinate the implementation of
9 26 efforts provided in this section.

Permits the DALS to use funds for contracts that will assist with the implementation of the WQI.

9 27 6. The moneys appropriated in subsection 1 may be used by
9 28 the department to support urban soil and water conservation
9 29 efforts, which may include but are not limited to management
9 30 practices related to bioretention, landscaping, the use of
9 31 permeable or pervious pavement, and soil quality restoration.
9 32 The moneys shall be allocated on a cost-share basis as provided
9 33 in chapter 161A.

Permits the DALS to use funds to support urban soil and water conservation practices and to allocate funds on a cost-share basis.

9 34 7. Notwithstanding any other provision of law to the
9 35 contrary, the department may use moneys appropriated in
10 1 subsection 1 to carry out the provisions of this section on a
10 2 cost-share basis in combination with other moneys available to
10 3 the department from a state or federal source.

Permits the DALS to use funds as cost-share moneys for projects.

10 4 8. Not more than 10 percent of the moneys appropriated in
10 5 this section may be used to pay for the costs of administering
10 6 and implementing the water quality initiative by the
10 7 department's division of soil conservation and water quality as
10 8 provided in section 466B.42 and this section.

Prohibits the DALS from using more than 10.00% of the funds appropriated for administration and implementation of WQI practices.

10 9
10 10 DIVISION III
10 11 DEPARTMENT OF NATURAL RESOURCES
10 12 GENERAL APPROPRIATIONS
GENERAL FUND AND MAJOR FUNDS

10 13 Sec. 11. 2017 Iowa Acts, chapter 168, section 44, is amended
10 14 to read as follows:

10 15 SEC. 44. GENERAL FUND — DEPARTMENT.
 10 16 1. There is appropriated from the general fund of the state
 10 17 to the department of natural resources for the fiscal year
 10 18 beginning July 1, 2018, and ending June 30, 2019, the following
 10 19 amount, or so much thereof as is necessary, to be used for the
 10 20 purposes designated:
 10 21 For purposes of supporting the department, including its
 10 22 divisions, for administration, regulation, and programs; for
 10 23 salaries, support, maintenance, and miscellaneous purposes; and
 10 24 for not more than the following full-time equivalent positions:
 10 25 \$ 5,649,905.50
 10 26 11,554.987
 10 27 FTEs 1,145.95

General Fund appropriation to the Department of Natural Resources (DNR) for operations.

DETAIL: This is an increase of \$378,549 and 88.00 FTE positions compared to estimated net FY 2018. The FY 2019 FTE positions are authorized at the same level as the number of positions authorized during the 2017 Legislative Session in [SF 510](#) (FY 2018 Agriculture and Natural Resources Appropriations Act). The Department received an overall General Fund reduction of \$123,373 for FY 2018 in [SF 2117](#) (FY 2018 Budget Adjustment Act).

10 28 2. Of the number of full-time equivalent positions
 10 29 authorized to the department pursuant to subsection 1, 50
 10 30 full-time equivalent positions shall be allocated by the
 10 31 department for seasonal employees for purposes of providing
 10 32 maintenance, upkeep, and sanitary services at state parks.
 10 33 This subsection shall not impact park ranger or park manager
 10 34 positions within the department.

Requires the DNR to allocate 50.00 FTE positions to State park operations for seasonal maintenance and upkeep. This does not impact park ranger or park manager positions.

10 35 3. The department shall submit a report each quarter of the
 11 1 fiscal year to the legislative services agency, the department
 11 2 of management, the members of the joint appropriations
 11 3 subcommittee on agriculture and natural resources, and the
 11 4 chairpersons and ranking members of the senate and house
 11 5 committees on appropriations. The report shall describe in
 11 6 detail the expenditure of moneys appropriated under this
 11 7 section to support the department's administration, regulation,
 11 8 and programs.

Requires the DNR to submit a quarterly report to the LSA, the DOM, the members of the Agriculture and Natural Resources Appropriations Subcommittee, and the Chairpersons and Ranking Members of the Appropriations Committees detailing the expenditure of the money appropriated.

11 9 Sec. 12. 2017 Iowa Acts, chapter 168, section 45, is amended
 11 10 to read as follows:

11 11 SEC. 45. STATE FISH AND GAME PROTECTION FUND — REGULATION
 11 12 AND ADVANCEMENT OF OUTDOOR ACTIVITIES.

State Fish and Game Protection Fund appropriation to the Law Enforcement, Fisheries, and Wildlife Programs of the DNR.

11 13 1. There is appropriated from the state fish and game
 11 14 protection fund created pursuant to section 456A.17 to the
 11 15 department of natural resources for the fiscal year beginning
 11 16 July 1, 2018, and ending June 30, 2019, the following amount,
 11 17 or so much thereof as is necessary, to be used for the purposes
 11 18 designated:

DETAIL: Maintains the current level of funding compared to estimated net FY 2018.

11 19 For purposes of supporting the regulation or advancement of
 11 20 hunting, fishing, or trapping, or the protection, propagation,
 11 21 restoration, management, or harvest of fish or wildlife,
 11 22 including for administration, regulation, law enforcement, and
 11 23 programs; and for salaries, support, maintenance, equipment,

11 24 and miscellaneous purposes:
 11 25 \$21,573,996.50
 11 26 43,768,530

11 27 2. Notwithstanding section 455A.10, the department may use
 11 28 the unappropriated balance remaining in the state fish and game
 11 29 protection fund to provide for the funding of health and life
 11 30 insurance premium payments from unused sick leave balances of
 11 31 conservation peace officers employed in a protection occupation
 11 32 who retire, pursuant to section 97B.49B.

CODE: Permits the DNR to use unappropriated funds from the Fish and Game Protection Fund to provide compensation to retiring conservation peace officers, including payment of insurance premiums from unused sick leave.

11 33 3. Notwithstanding section 455A.10, the department of
 11 34 natural resources may use the unappropriated balance remaining
 11 35 in the state fish and game protection fund for the fiscal
 12 1 year beginning July 1, 2018, and ending June 30, 2019, as is
 12 2 necessary to fund salary adjustments for departmental employees
 12 3 for which the general assembly has made an operating budget
 12 4 appropriation in subsection 1.

CODE: Permits the DNR to use unappropriated funds from the Fish and Game Protection Fund for salary adjustments.

12 5 Sec. 13. 2017 Iowa Acts, chapter 168, section 46, is amended
 12 6 to read as follows:
 12 7 SEC. 46. GROUNDWATER PROTECTION FUND — WATER
 12 8 QUALITY. There is appropriated from the groundwater protection
 12 9 fund created in section 455E.11 to the department of natural
 12 10 resources for the fiscal year beginning July 1, 2018,
 12 11 and ending June 30, 2019, from those moneys which are not
 12 12 allocated pursuant to that section, the following amount, or
 12 13 so much thereof as is necessary, to be used for the purposes
 12 14 designated:

Groundwater Protection Fund appropriation to the DNR for programs specified in Iowa Code section [455E.11](#).

12 15 For purposes of supporting the department's protection
 12 16 of the state's groundwater, including for administration,
 12 17 regulation, and programs, and for salaries, support,
 12 18 maintenance, equipment, and miscellaneous purposes:
 12 19 \$ 4,727,946
 12 20 3,455,832

DETAIL: These programs include:

- \$100,303 for the Storage Tanks Program. Funds are used for the administration of the State Underground Storage Tank (UST) Program.
- \$447,324 for the Household Hazardous Waste Program. Funds are allocated to regional collection centers and for administration of the Program.
- \$62,461 for administration of the Private Well Testing Program. Funds are used by the DNR for administering the closure of private wells.
- \$1,686,751 for groundwater monitoring. Funds are used for monitoring groundwater at sanitary disposal projects.
- \$618,993 for the Landfill Alternatives Program. The Program is now called the Solid Waste Alternatives Program (SWAP), and funds are used to provide financial assistance to local governments, public and private groups, businesses, and individuals for education, market development projects, and utilization of best practices to reduce landfill waste.
- \$192,500 for the Waste Reduction and Assistance Program. The Program is now called the Pollution Prevention Services Program and provides confidential and nonregulatory assistance to facility operators.
- \$50,000 for the Solid Waste Alternatives Program. Funds are used to administer the SWAP.
- \$297,500 for the Geographic Information System Program.

Funds are used to maintain a geographic information system and a comprehensive water resource data system that can be used by the public.

These allocations maintain the current level of funding compared to estimated net FY 2018.

12 21 DESIGNATED APPROPRIATIONS
12 22 MISCELLANEOUS FUNDS

12 23 Sec. 14. 2017 Iowa Acts, chapter 168, section 47, is amended
12 24 to read as follows:

12 25 SEC. 47. SPECIAL SNOWMOBILE FUND — SNOWMOBILE
12 26 PROGRAM. There is appropriated from the special snowmobile
12 27 fund created under section 321G.7 to the department of natural
12 28 resources for the fiscal year beginning July 1, 2018, and
12 29 ending June 30, 2019, the following amount, or so much thereof
12 30 as is necessary, to be used for the purpose designated:

12 31 For purposes of administering and enforcing the state
12 32 snowmobile programs:

12 33	.....	\$	50,000
12 34			<u>100,000</u>

Snowmobile Fund appropriation to the DNR for safety education and trail maintenance, and to provide cost-share grants to local snowmobile organizations.

DETAIL: Maintains the current level of funding compared to estimated net FY 2018.

12 35 Sec. 15. 2017 Iowa Acts, chapter 168, section 48, is amended
13 1 to read as follows:

13 2 SEC. 48. UNASSIGNED REVENUE FUND — UNDERGROUND STORAGE
13 3 TANKS SECTION EXPENSES. There is appropriated from the
13 4 unassigned revenue fund administered by the Iowa comprehensive
13 5 petroleum underground storage tank fund board established
13 6 pursuant to section 455G.4 to the department of natural
13 7 resources for the fiscal year beginning July 1, 2018, and
13 8 ending June 30, 2019, the following amount, or so much thereof
13 9 as is necessary, to be used for the purpose designated:

13 10 For purposes of paying for administration expenses of the
13 11 department's underground storage tanks section:

13 12	.....	\$	100,000
13 13			<u>200,000</u>

Underground Storage Tank (UST) Fund appropriation to the DNR.

DETAIL: Maintains the current level of funding compared to estimated net FY 2018. The funds are used for administration of the UST Program.

13 14 SPECIAL APPROPRIATIONS
13 15 GENERAL FUND

13 16 Sec. 16. 2017 Iowa Acts, chapter 168, section 49, is amended
13 17 to read as follows:

13 18 SEC. 49. FLOODPLAIN MANAGEMENT AND DAM SAFETY.
13 19 1. There is appropriated from the general fund of the state

General Fund appropriation to the DNR for the Floodplain Management and Dam Safety Program.

13 20 to the department of natural resources for the fiscal year
 13 21 beginning July 1, 2018, and ending June 30, 2019, the following
 13 22 amount, or so much thereof as is necessary, to be used for the
 13 23 purpose designated:
 13 24 For purposes of supporting floodplain management and dam
 13 25 safety:
 13 26\$ 942,500
 13 27 1,510,000

DETAIL: This is a decrease of \$375,000 compared to estimated net FY 2018. Section 20 of the Act appropriates an additional \$375,000 from the Environment First Fund for the Program. The Program's goal is the protection of life and property from damage by flood. The Program addresses the following functions:

- Supports a network of stream gauges.
- Provides funding for the Dam Safety Program, which maintains information on 3,800 dams.
- Funds floodplain mapping projects.
- Provides technical assistance for community enrollment for flood insurance.
- Regulates the construction of floodplains and floodways.

13 28 2. Of the amount appropriated in subsection 1, up to
 13 29 ~~\$200,000~~ \$400,000 may be used by the department to acquire or
 13 30 install stream gages for purposes of tracking and predicting
 13 31 flood events and for compiling necessary data to improve flood
 13 32 frequency analysis.

Allocates up to \$400,000 for the implementation of stream gauges to assist with predicting flood events.

13 33 3. Notwithstanding section 8.33, moneys appropriated in
 13 34 subsection 1 that remain unencumbered or unobligated at the
 13 35 close of the fiscal year shall not revert but shall remain
 14 1 available for expenditure for the purposes designated until the
 14 2 close of the succeeding fiscal year.

CODE: Allows the unexpended funds from the Floodplain Management and Dam Safety appropriation to carry forward for expenditure in FY 2020.

14 3 Sec. 17. 2017 Iowa Acts, chapter 168, section 50, is amended
 14 4 to read as follows:

14 5 SEC. 50. FORESTRY HEALTH MANAGEMENT.

14 6 1. There is appropriated from the general fund of the state
 14 7 to the department of natural resources for the fiscal year
 14 8 beginning July 1, 2018, and ending June 30, 2019, the following
 14 9 amount, or so much thereof as is necessary, to be used for the
 14 10 purposes designated:
 14 11 For purposes of providing for forestry health management
 14 12 programs:

14 13\$ 250,000
 14 14 500,000

General Fund appropriation to the DNR for forestry health management programs, which are dedicated to monitoring, managing, and reducing insects and diseases that damage and harm Iowa's forests.

DETAIL: Maintains the current level of funding compared to estimated net FY 2018.

14 15 2. Notwithstanding section 8.33, moneys appropriated in
 14 16 this section that remain unencumbered or unobligated at the
 14 17 close of the fiscal year shall not revert but shall remain

CODE: Allows unexpended funds from the Forestry Health Management appropriation to carry forward for expenditure in FY 2020.

14 18 available to be used for the purposes designated until the
14 19 close of the succeeding fiscal year.

14 20 DIVISION IV
14 21 IOWA STATE UNIVERSITY OF SCIENCE AND TECHNOLOGY
14 22 SPECIAL APPROPRIATION
14 23 GENERAL FUND
14 24 VETERINARY DIAGNOSTIC LABORATORY

14 25 Sec. 18. 2017 Iowa Acts, chapter 168, section 51, is amended
14 26 to read as follows:

14 27 SEC. 51. VETERINARY DIAGNOSTIC LABORATORY.

14 28 1. There is appropriated from the general fund of the state
14 29 to Iowa state university of science and technology for the
14 30 fiscal year beginning July 1, 2018, and ending June 30, 2019,
14 31 the following amount, or so much thereof as is necessary, to be
14 32 used for the purposes designated:

14 33 For purposes of supporting the college of veterinary
14 34 medicine for the operation of the veterinary diagnostic
14 35 laboratory and for not more than the following full-time
15 1 equivalent positions:

15 2	.....	\$	2,000,000
15 3			<u>4,100,000</u>
15 4	.....	FTEs	51.00

15 5 2. a. Iowa state university of science and technology
15 6 shall not reduce the amount that it allocates to support the
15 7 college of veterinary medicine from any other source due to the
15 8 appropriation made in this section.

15 9 b. Paragraph "a" does not apply to a reduction made to
15 10 support the college of veterinary medicine, if the same
15 11 percentage of reduction imposed on the college of veterinary
15 12 medicine is also imposed on all of Iowa state university of
15 13 science and technology's budget units.

15 14 3. If by June 30, 2019, Iowa state university of science and
15 15 technology fails to allocate the moneys appropriated in this
15 16 section to the college of veterinary medicine in accordance
15 17 with this section, the moneys appropriated in this section for
15 18 that fiscal year shall revert to the general fund of the state.

15 19 DIVISION V
15 20 DEPARTMENT OF AGRICULTURE AND LAND STEWARDSHIP,
15 21 DEPARTMENT OF NATURAL RESOURCES,
15 22 AND STATE UNIVERSITY OF IOWA
15 23 GENERAL ENVIRONMENTAL APPROPRIATIONS

General Fund appropriation to ISU for operations at the Veterinary Diagnostic Laboratory.

DETAIL: This is an increase of \$100,000 for general support of the Laboratory and maintains the current level of FTE positions compared to estimated net FY 2018.

Prohibits ISU from reducing funding from other sources to the Veterinary Diagnostic Laboratory as a result of this appropriation.

Allows ISU to reduce funding to the College of Veterinary Medicine if the same percentage of reduction is applied to other ISU budget units.

Requires the appropriation for the Veterinary Diagnostic Laboratory to revert if the moneys are not allocated to the College of Veterinary Medicine.

15 24 ENVIRONMENT FIRST FUND

15 25 Sec. 19. 2017 Iowa Acts, chapter 168, section 52, is amended
 15 26 to read as follows:

This Act appropriates a total of \$42,000,000 from the EFF for FY 2019, which maintains the current level of funding compared to estimated net FY 2018. This includes:

- \$17,300,000 to the DALS for FY 2019, a decrease of \$375,000 compared to estimated net FY 2018.
- \$24,005,000 to the DNR for FY 2019, a decrease of \$320,000 compared to estimated net FY 2018.
- \$695,000 to the University of Iowa for FY 2019, an increase of \$695,000 compared to estimated net FY 2018.

15 27 SEC. 52. DEPARTMENT OF AGRICULTURE AND LAND
 15 28 STEWARDSHIP. There is appropriated from the environment first
 15 29 fund created in section 8.57A to the department of agriculture
 15 30 and land stewardship for the fiscal year beginning July 1,
 15 31 2018, and ending June 30, 2019, the following amounts, or so
 15 32 much thereof as is necessary, to be used for the purposes
 15 33 designated:

Provides EFF appropriations totaling \$17,300,000 to the DALS for FY 2019.

DETAIL: This is a decrease of \$375,000 in funding compared to estimated net FY 2018 for the Farm Management Demonstration Program for FY 2019.

15 34 1. CONSERVATION RESERVE ENHANCEMENT PROGRAM (CREP)
 15 35 a. For the conservation reserve enhancement program to
 16 1 restore and construct wetlands for the purposes of intercepting
 16 2 tile line runoff, reducing nutrient loss, improving water
 16 3 quality, and enhancing agricultural production practices:
 16 4\$ 500,000
 16 5 1,000,000

Environment First Fund appropriation to the DALS for the Conservation Reserve Enhancement Program (CREP).

DETAIL: Maintains the current level of funding compared to estimated net FY 2018. The CREP is a federally administered voluntary program for agricultural landowners that provides financial incentives to landowners to establish wetlands for water quality improvement in tile-drained regions of Iowa. The Program includes 37 counties in north central Iowa in an area that has been identified as a contributor to high nitrate loads in the Mississippi River Basin. The Program is administered by the federal Farm Services Agency (FSA) in the United States Department of Agriculture (USDA).

16 6 b. Not more than 10 percent of the moneys appropriated
 16 7 in paragraph "a" may be used for costs of administration and
 16 8 implementation of soil and water conservation practices.

Prohibits use of more than 10.00% of the cost-share funds for administration and costs associated with the implementation of soil and water conservation practices.

16 9 c. Notwithstanding any other provision in law, the
 16 10 department may use moneys appropriated in this subsection,
 16 11 in combination with other appropriate environment first
 16 12 fund appropriations, for cost sharing to match United States
 16 13 department of agriculture, natural resources conservation
 16 14 service, wetlands reserve enhancement program (WREP) funding
 16 15 available to Iowa.

Permits funds to be used in combination with other EFF appropriations or as cost-share funds for federal projects.

16 16	2. WATERSHED PROTECTION	Environment First Fund appropriation to the DALs for the Watershed Protection Program.
16 17	a. For continuation of a program that provides	
16 18	multiobjective resource protections for flood control, water	
16 19	quality, erosion control, and natural resource conservation:	DETAIL: Maintains the current level of funding compared to estimated net FY 2018. The purpose of the Program is to provide financial assistance for projects that establish permanent soil and water conservation practices. Project practices are integrated into a larger watershed plan and meet multiple objectives. The Fund offers watershed grants to Soil and Water Conservation Districts for locally led watershed projects.
16 20	..... \$ 450,000	
16 21	..... 900,000	
16 22	b. Not more than 10 percent of the moneys appropriated	
16 23	in paragraph "a" may be used for costs of administration and	Prohibits use of more than 10.00% of the cost-share funds for administration and costs associated with the implementation of soil and water conservation practices.
16 24	implementation of soil and water conservation practices.	
16 25	3. FARM MANAGEMENT DEMONSTRATION PROGRAM	Eliminates the partial funding for the Farm Management Demonstration Program originally appropriated from the EFF in SF 510 (FY 2018 Agriculture and Natural Resources Act).
16 26	a. For continuation of a statewide voluntary farm	
16 27	management demonstration program to demonstrate the	
16 28	effectiveness and adaptability of emerging practices in	
16 29	agronomy that protect water resources and provide other	
16 30	environmental benefits:	
16 31	..... \$ 187,500	
16 32	b. The amount appropriated in paragraph "a" shall be	
16 33	allocated to an organization representing soybean growers to	
16 34	provide for an agriculture and environment performance program.	
16 35	4. SOIL AND WATER CONSERVATION — ADMINISTRATION	Environment First Fund appropriation to the DALs for soil and water conservation administration.
17 1	a. For use by the department for costs of administration and	
17 2	implementation of soil and water conservation practices:	
17 3	..... \$ 1,900,000	DETAIL: Maintains the current level of funding compared to estimated net FY 2018.
17 4	..... 3,800,000	
17 5	b. Of the moneys appropriated in paragraph "a", \$75,000	Specifies that \$150,000 will be used to support field staff providing technical assistance.
17 6	<u>\$150,000</u> is allocated to support field staff providing	
17 7	technical assistance.	
17 8	5. CONSERVATION RESERVE PROGRAM (CRP)	Environment First Fund appropriation to the DALs for the Conservation Reserve Program (CRP).
17 9	a. To encourage and assist farmers in enrolling in and the	
17 10	implementation of the federal conservation reserve program and	
17 11	to work with them to enhance their revegetation efforts to	
17 12	improve water quality and habitat:	DETAIL: Maintains the current level of funding compared to estimated net FY 2018. The CRP is a voluntary program administered by the federal government for agricultural landowners. The CRP provides landowners with annual rental payments and cost-share assistance for removing agricultural land from production and establishing conservation practices. The CRP is administered by the federal FSA in the USDA, and is a major federal conservation program. Land enrolled
17 13	..... \$ 450,000	
17 14	..... 900,000	

in the CRP increases wildlife habitat, reduces soil erosion, and improves water quality.

Prohibits use of more than 10.00% of the cost-share funds for administration and costs associated with the implementation of soil and water conservation practices.

Environment First Fund appropriation to the DALs for the Soil and Water Conservation Program.

DETAIL: Maintains current level of funding compared to estimated net FY 2018.

Transfers \$490,000 from the Soil and Water Conservation Cost Share appropriation to the Loess Hills Development and Conservation Fund.

DETAIL: Allocates \$450,000 to the Hungry Canyons Program and \$40,000 to the Loess Hills Alliance Account.

Allocates \$450,000 to the Hungry Canyons Program from the Soil and Water Conservation Cost Share appropriation.

DETAIL: Maintains current level of funding compared to estimated net FY 2018..

Allows the Hungry Canyons Program to use up to 5.00% of the allocation for administrative costs.

Allocates \$40,000 to the Loess Hills Alliance Account from the Soil and Water Cost Share appropriation.

DETAIL: Maintains current level of funding compared to estimated net FY 2018.

Allows the Loess Hills Alliance Account to use up to 10.00% of the allocation for administrative costs.

Allocates \$7,835,000 to the Soil and Water Conservation Cost Share Program.

DETAIL: Maintains current level of funding compared to estimated net FY 2018. Soil and Water Conservation Cost Share Program funding provides financial incentives to landowners who implement approved

b. Not more than 10 percent of the moneys appropriated in paragraph "a" may be used for costs of administration and implementation of soil and water conservation practices.

6. SOIL AND WATER CONSERVATION

a. For use by the department in providing for soil and water conservation:

.....	\$	4,162,500
.....		<u>8,325,000</u>

b. (1) Of the amount appropriated in paragraph "a", for transfer to the loess hills development and conservation fund created in section 161D.2:

.....	\$	245,000
.....		<u>490,000</u>

(2) (a) Of the amount transferred to the loess hills development and conservation fund in subparagraph (1), ~~\$225,000~~ \$450,000 shall be allocated to the fund's hungry canyons account.

(b) Not more than ~~40~~ 5 percent of the moneys allocated to the fund's hungry canyons account as provided in subparagraph division (a) may be used for administrative costs.

(3) (a) Of the amount transferred to the loess hills development and conservation fund in subparagraph (1), ~~\$20,000~~ \$40,000 shall be allocated to the fund's loess hills alliance account.

(b) Not more than 10 percent of the moneys allocated to the fund's loess hills alliance account as provided in subparagraph division (a) may be used for administrative costs.

c. Of the remaining amount appropriated in paragraph "a", for use by the department in providing for soil and water conservation administration, the conservation of soil and water resources, or the support of soil and water conservation districts:

.....	\$	3,917,500
-------	----	-----------

18 13	<u>7,835,000</u>	soil and water conservation practices. State funds are divided among the Soil and Water Conservation Districts. The landowner pays for at least 50.00% of the cost of the conservation practice.
18 14	d. Of the amount appropriated in paragraph "c" that the	Permits each soil and water conservation district to use up to \$15,000
18 15	department allocates to a soil and water conservation district,	of the allocation to establish management practices for the control of
18 16	the first \$7,500 <u>\$15,000</u> may be expended by the district for	soil erosion on row-cropped land. Also, permits up to 30.00% of
18 17	the purpose of providing financial incentives under section	remaining funds to be expended for the same purpose.
18 18	161A.73 to establish management practices for the control	
18 19	of soil erosion on land that is row-cropped, including but	
18 20	not limited to nontill planting, ridge-till planting, and	
18 21	contouring strip-cropping. Of any remaining amount of that	
18 22	appropriation allocated by the department to a district, 30	
18 23	percent may be expended by the district for that same purpose.	
18 24	e. Not more than 5 percent of the moneys appropriated in	Permits the DALs to use up to 5.00% of the appropriated funds to
18 25	paragraph "c" may be allocated for cost sharing to address	address complaints filed for land erosion caused by sediment.
18 26	complaints filed under section 161A.47.	
18 27	f. Of the moneys appropriated in paragraph "c", 5 percent	Requires 5.00% of cost-share funds to be used for financial incentives
18 28	shall be allocated for financial incentives to establish	to establish practices to protect watersheds above publicly owned
18 29	practices to protect watersheds above publicly owned lakes of	lakes from soil erosion and sediment.
18 30	the state from soil erosion and sediment as provided in section	
18 31	161A.73.	
18 32	g. The state soil conservation <u>and water quality</u> committee	Permits the State Soil Conservation and Water Quality Committee to
18 33	established by section 161A.4 may allocate moneys appropriated	allocate funds for research and demonstration projects to promote
18 34	in paragraph "c" to conduct research and demonstration projects	conservation tillage and nonpoint source pollution control practices.
18 35	to promote conservation tillage and nonpoint source pollution	
19 1	control practices.	
19 2	h. The allocation of moneys as financial incentives as	Permits financial incentive payments to be used in combination with
19 3	provided in section 161A.73 may be used in combination with	funds from the DNR.
19 4	moneys allocated by the department of natural resources.	
19 5	i. Not more than 15 percent of the moneys appropriated	Prohibits use of more than 15.00% of the cost-share funds for
19 6	in paragraph "c" may be used for costs of administration and	administration and costs associated with the implementation of soil and
19 7	implementation of soil and water conservation practices.	water conservation practices.
19 8	Sec. 20. 2017 Iowa Acts, chapter 168, section 53, is amended	
19 9	to read as follows:	
19 10	SEC. 53. DEPARTMENT OF NATURAL RESOURCES. There is	Provides EFF appropriations totaling \$24,005,000 to the DNR for FY
19 11	appropriated from the environment first fund created in section	2019.
19 12	8.57A to the department of natural resources for the fiscal	
19 13	year beginning July 1, 2018, and ending June 30, 2019, the	DETAIL: This is a decrease of \$320,000 in funding compared to
19 14	following amounts, or so much thereof as is necessary, to be	estimated net FY 2018. Program funding changes include an increase

19 15 used for the purposes designated:

of \$375,000 for the Floodplain Management and Dam Safety Program and a decrease of \$695,000 for the Water Quantity Program and the Geological and Water Survey, which were moved to the University of Iowa.

19 16 1. STATE PARKS MAINTENANCE AND OPERATIONS

Environment First Fund appropriation to the DNR for State park maintenance and operations.

19 17 a. For regular maintenance and operations of state parks and
19 18 staff time associated with these activities:

19 19	.....	\$	3,117,500
19 20	.....		<u>6,235,000</u>

DETAIL: Maintains the current level of funding compared to estimated net FY 2018. State parks are under the administration of the Parks Bureau in the DNR. Since establishment, the park system has grown to include 56,000 acres in 54 core State parks and satellite areas, with supporting facilities that include 5,154 campsites, 86 rental cabins, 147 picnic shelters, 75 modern restrooms, 67 shower buildings, 620 miles of trails, and 51 office and maintenance buildings. Funding pays for seasonal staff, facilities maintenance, equipment replacement, and other related expenditures.

19 21 b. Of the amount appropriated in paragraph "a", up to
19 22 ~~\$50,000~~ \$100,000 shall be allocated for statewide coordination
19 23 of volunteer efforts ~~under the water quality and keepers of the~~
19 24 ~~land programs.~~

Allocates \$100,000 to support volunteer efforts in the Department.

19 25 2. GEOGRAPHIC INFORMATION SYSTEM (GIS)

Environment First Fund appropriation to the DNR for the Geographic Information System (GIS) Program.

19 26 To provide local watershed managers with geographic
19 27 information system data for their use in developing,
19 28 monitoring, and displaying results of their watershed work:

19 29	.....	\$	97,500
19 30	.....		<u>195,000</u>

DETAIL: Maintains the current level of funding compared to estimated net FY 2018. The GIS Program is responsible for the development, management, and coordination of the Natural Resources Geographic Information System (NRGIS) for the DNR. The NRGIS is used to provide local watershed managers with data to develop, monitor, and display watershed improvements.

19 31 3. WATER QUALITY MONITORING

Environment First Fund appropriation to the DNR for the Water Quality Monitoring Program.

19 32 For continuing the establishment and operation of water
19 33 quality monitoring stations:

19 34	.....	\$	1,477,500
19 35	.....		<u>2,955,000</u>

DETAIL: Maintains the current level of funding compared to estimated net FY 2018. Appropriated dollars are allocated for the administration, research, and operation of water quality monitoring stations. The DNR contracts with experts from the U.S. Geological Survey and State universities for water quality research, analysis, and modelling. The appropriation supports six water quality monitoring programs. Water samples are collected to develop a baseline of information on Iowa streams, lakes, and wetlands. The DNR tracks water temperature, dissolved oxygen, pH, and many other physical conditions and chemicals. The Water Quality Monitoring Program records fish kills and

statewide water data and assesses the ability of water bodies to meet their intended uses (impaired waters) as defined by the federal Clean Water Act.

Environment First Fund appropriation to the DNR for the Public Water Supply System Account of the Water Quality Protection Fund.

DETAIL: Maintains the current level of funding compared to estimated net FY 2018. A public water supply is defined as a system that has at least 15 service connections or serves at least 25 people for at least 60 days throughout the year. These systems are regulated by the Water Supply Engineering Section in the DNR. In 2014, there were more than 2,700,000 people in Iowa served by community public water supply systems. This represents 90.80% of the State's population.

Environment First Fund appropriation to the DNR for the Animal Feeding Operations Program.

DETAIL: Maintains the current level of funding compared to estimated net FY 2018. This appropriation is used to regulate animal feeding operations. This includes processing permits for the construction of new sites and reviewing nutrient management plans. Other activities include inspection of earthen basins, construction sites, and operations as well as inspecting and investigating manure, fertilizer, and chemical spills.

Environment First Fund appropriation to the DNR for the Ambient Air Quality Program.

DETAIL: Maintains the current level of funding compared to estimated net FY 2018. Appropriated funds finance the administration of ambient air monitoring activities and an annual contract with the State Hygienic Laboratory (SHL) at the University of Iowa to conduct air monitoring. The SHL collects air monitoring data, provides quality assurance results, and reports data to the public.

Moves the Water Quantity Program from the DNR to the University of Iowa for programs related to duties of the State Geologist. [House File 2303](#) (Duties and Programs Administered by the DNR Act) was enacted during the 2018 Legislative Session and moved responsibilities from the DNR to the University of Iowa.

Moves the Geological and Water Survey Program from the DNR to the University of Iowa for programs related to duties of the State Geologist.

20 1 4. PUBLIC WATER SUPPLY SYSTEM ACCOUNT
20 2 For deposit in the public water supply system account of the
20 3 water quality protection fund created in section 455B.183A:
20 4\$ 250,000
20 5 500,000

20 6 5. REGULATION OF ANIMAL FEEDING OPERATIONS
20 7 For the regulation of animal feeding operations, including
20 8 as provided for in chapters 459 through 459B:
20 9\$ 660,000
20 10 1,320,000

20 11 6. AMBIENT AIR QUALITY
20 12 For the abatement, control, and prevention of ambient
20 13 air pollution in this state, including measures as necessary
20 14 to assure attainment and maintenance of ambient air quality
20 15 standards from particulate matter:
20 16\$ 242,500
20 17 425,000

20 18 ~~7. WATER QUANTITY REGULATION~~
20 19 ~~For regulating water quantity from surface and subsurface~~
20 20 ~~sources by providing for the allocation and use of water~~
20 21 ~~resources, the protection and management of water resources,~~
20 22 ~~and the preclusion of conflicts among users of water resources,~~
20 23 ~~including as provided in chapter 455B, division III, part 4:~~
20 24\$ 247,500

20 25 ~~8. GEOLOGICAL AND WATER SURVEY~~
20 26 ~~For continuing the operations of the department's geological~~

20 27 ~~and water survey including but not limited to providing~~
 20 28 ~~analysis, data collection, investigative programs, and~~
 20 29 ~~information for water supply development and protection:~~
 20 30 \$ 400,000

20 31 9. FLOODPLAIN MANAGEMENT AND DAM SAFETY
 20 32 For supporting floodplain management and dam safety:
 20 33 \$ 375,000

Environment First Fund appropriation of \$375,000 to the DNR for the Floodplain Management and Dam Safety Program.

DETAIL: This is a new appropriation for FY 2019. Section 16 of the Act appropriates an additional \$1,510,000 from the General Fund for the Program. The Program's goal is the protection of life and property from damage by flood. The Program performs the following functions:

- Supports a network of stream gauges.
- Provides funding for the Dam Safety Program, which maintains information on 3,800 dams.
- Funds floodplain mapping projects.
- Provides technical assistance for community enrollment for flood insurance.
- Regulates the construction of floodplains and floodways.

20 34 Sec. 21. 2017 Iowa Acts, chapter 168, is amended by adding
 20 35 the following new section:

21 1 New Section SEC. 53A. STATE UNIVERSITY OF IOWA
 21 2 GEOGRAPHICAL AND WATER SURVEY. There is appropriated from
 21 3 the environment first fund created in section 8.57A to the
 21 4 state university of Iowa for the fiscal year beginning July
 21 5 1, 2018, and ending June 30, 2019, the following amounts, or
 21 6 so much thereof as is necessary, to be used for the purposes
 21 7 designated:

Appropriates funds from the EFF to the University of Iowa for programs related to duties of the State Geologist. [House File 2303](#) (Duties and Programs Administered by the DNR Act) was enacted during the 2018 Legislative Session and moved responsibilities of the State Geologist from the DNR to the University of Iowa.

21 8 1. OPERATIONS
 21 9 For purposes of supporting the operations of the geological
 21 10 and water survey of the state as created within the state
 21 11 university of Iowa pursuant to section 456.1 as amended by
 21 12 2018 Iowa Acts, House File 2303, section 12, including but not
 21 13 limited to providing analysis; data maintenance, collection,
 21 14 and compilation; investigative programs; and information for
 21 15 water supply development and protection:
 21 16 \$ 200,000

Environment First Fund appropriation to the University of Iowa for the Geological and Water Survey Program.

DETAIL: Maintains the current level of funding compared to estimated net FY 2018, but moves the Program from the DNR to the University of Iowa. The Program develops programs that provide comprehensive information regarding mineral and water resources in Iowa. This includes an emphasis on new water supply developments and monitoring water quality. The Geological and Water Survey Program provides information to the federal government and State agencies. This includes educational programs as well as technology transfer programs.

21 17 2. WATER RESOURCE MANAGEMENT
 21 18 For purposes of supporting the geological and water survey

Environment First Fund appropriation to the University of Iowa for the Water Quantity Program.

21 19 in measuring, assessing, and evaluating the quantity of water
 21 20 sources in this state and assisting the department of natural
 21 21 resources in regulating water quantity as provided in chapter
 21 22 455B, division III, part 4, pursuant to sections 455B.262B and
 21 23 456.14, as enacted by this Act:
 21 24 \$ 495,000

DETAIL: Maintains the current level of funding compared to estimated net FY 2018, but moves the Program from the DNR to the University of Iowa. The Water Quantity Program was implemented due to an increase in the number of industries that are dependent on large quantities of water for their operations (ethanol plants). The Program's goal is to provide long-term planning for water use for industrial operations, drinking water, and other water uses.

21 25 DIVISION VI
 21 26 DEPARTMENT OF AGRICULTURE AND LAND STEWARDSHIP
 21 27 SPECIAL WATER QUALITY INITIATIVE APPROPRIATION
 21 28 ENVIRONMENT FIRST FUND
 21 29 Sec. 22. 2017 Iowa Acts, chapter 168, section 55, is amended
 21 30 to read as follows:

21 31 SEC. 55. WATER QUALITY INITIATIVE — DEPARTMENT OF
 21 32 AGRICULTURE AND LAND STEWARDSHIP.

Environment First Fund appropriation to the DALs for the WQI.

21 33 1. There is appropriated from the environment first fund
 21 34 created in section 8.57A to the department of agriculture
 21 35 and land stewardship for the fiscal year beginning July 1,
 22 1 2018, and ending June 30, 2019, the following amount, or so
 22 2 much thereof as is necessary, to be used for the purposes
 22 3 designated:

DETAIL: Maintains the current level of funding compared to estimated net FY 2018 from the EFF. The WQI has received funding from the General Fund and the Rebuild Iowa Infrastructure Fund. Section 10 of the Act also appropriates \$3,000,000 from the General Fund.

22 4 For deposit in the water quality initiative fund created in
 22 5 section 466B.45, for purposes of supporting the water quality
 22 6 initiative administered by the division of soil conservation
 22 7 and water quality as provided in section 466B.42, including
 22 8 salaries, support, maintenance, and miscellaneous purposes:
 22 9 \$ 1,187,500
 22 10 2,375,000

The [Nutrient Reduction Strategy Report](#) was introduced in November 2012 as a collaborative effort by the DALs, the DNR, and ISU to assess and reduce nutrient flow into Iowa waters. The WQI Program was created in [SF 435](#) (FY 2014 Agriculture and Natural Resources Appropriations Act) to provide funding for watershed practices in high-priority watersheds as designated by the Water Resources Coordinating Council (WRCC).

22 11 2. a. The moneys appropriated in subsection 1 shall be
 22 12 used to support projects in subwatersheds as designated by the
 22 13 division that are part of high-priority watersheds identified
 22 14 by the water resources coordinating council established
 22 15 pursuant to section 466B.3.

Requires the funds to be used to support projects in high-priority watersheds as identified by the WRCC.

22 16 b. The moneys appropriated in subsection 1 shall be used to
 22 17 support projects in watersheds generally, including regional
 22 18 watersheds, as designated by the division and high-priority
 22 19 watersheds identified by the water resources coordinating
 22 20 council established pursuant to section 466B.3.

22 21 3. In supporting projects in subwatersheds and watersheds
 22 22 as provided in subsection 2, all of the following shall apply:

Specifies criteria for projects in high-priority watersheds as follows:

- Requires demonstration projects to utilize water quality practices

22 23 a. The demonstration projects shall utilize water quality
 22 24 practices as described in the ~~latest revision of the document~~
 22 25 ~~entitled "Iowa Nutrient Reduction Strategy" initially presented~~
 22 26 ~~in November 2012 by the department of agriculture and land~~
 22 27 ~~stewardship, the department of natural resources, and Iowa~~
 22 28 ~~state university of science and technology Iowa nutrient~~
 22 29 ~~reduction strategy as defined in section 455B.171, as amended~~
 22 30 ~~by 2018 Iowa Acts, Senate File 512, section 18.~~

22 31 b. The division shall implement demonstration projects as
 22 32 provided in paragraph "a" by providing for participation by
 22 33 persons who hold a legal interest in agricultural land used in
 22 34 farming. To every extent practical, the division shall provide
 22 35 for collaborative participation by such persons who hold a
 23 1 legal interest in agricultural land located within the same
 23 2 subwatershed.

23 3 c. The division shall implement a demonstration project on
 23 4 a cost-share basis as determined by the division. However,
 23 5 except for edge-of-field practices, the state's share of the
 23 6 amount shall not exceed 50 percent of the estimated cost of
 23 7 establishing the practice as determined by the division or
 23 8 50 percent of the actual cost of establishing the practice,
 23 9 whichever is less.

23 10 d. The demonstration projects shall be used to educate other
 23 11 persons about the feasibility and value of establishing similar
 23 12 water quality practices. The division shall promote field day
 23 13 events for purposes of allowing interested persons to establish
 23 14 water quality practices on their agricultural land.

23 15 e. The division shall conduct water quality evaluations
 23 16 within supported subwatersheds. Within a reasonable period
 23 17 after accumulating information from such evaluations, the
 23 18 division shall create an aggregated database of water quality
 23 19 practices. Any information identifying a person holding a
 23 20 legal interest in agricultural land or specific agricultural
 23 21 land shall be a confidential record under section 22.7.

23 22 4. The moneys appropriated in subsection 1 shall be used
 23 23 to support education and outreach in a manner that encourages
 23 24 persons who hold a legal interest in agricultural land used for
 23 25 farming to implement water quality practices, including the
 23 26 establishment of such practices in watersheds generally, and
 23 27 not limited to subwatersheds or high-priority watersheds.

23 28 5. The moneys appropriated in subsection 1 may be used
 23 29 to contract with persons to coordinate the implementation of
 23 30 efforts provided in this section.

23 31 6. The moneys appropriated in subsection 1 may be used by
 23 32 the department to support urban soil and water conservation

described in the Iowa Nutrient Reduction Strategy as defined in
 Iowa Code section [455B.171](#).

- Requires the DALS to collaborate with agricultural landowners in targeted watersheds.
- Prohibits the State's cost-share amount of water quality protection practices from exceeding 50.00% of the value of the practices, except for edge-of-field practices.
- Requires demonstration projects to educate the public about water quality practices.
- Requires the DALS to conduct water quality evaluations within targeted watersheds and to create a database of water quality practices. Specifies that all information received is a confidential record and exempt from public access.

Requires the DALS to use funds to support education and outreach to encourage agricultural producers to establish water quality practices.

Permits the DALS to use funds for contracts that will assist with the implementation of the WQI.

Permits the DALS to use funds to support urban soil and water conservation practices and to allocate funds on a cost-share basis.

23 33 efforts, which may include but are not limited to management
 23 34 practices related to bioretention, landscaping, the use of
 23 35 permeable or pervious pavement, and soil quality restoration.
 24 1 The moneys shall be allocated on a cost-share basis as provided
 24 2 in chapter 161A.

24 3 7. Notwithstanding any other provision of law to the
 24 4 contrary, the department may use moneys appropriated in
 24 5 subsection 1 to carry out the provisions of this section on a
 24 6 cost-share basis in combination with other moneys available to
 24 7 the department from a state or federal source.

Permits the DALs to use funds as cost-share moneys for projects.

24 8 8. Not more than 10 percent of the moneys appropriated in
 24 9 this section may be used to pay for the costs of administering
 24 10 and implementing the water quality initiative by the
 24 11 department's division of soil conservation and water quality as
 24 12 provided in section 466B.42 and this section.

Prohibits the DALs from using more than 10.00% of the funds appropriated for administration and implementation of WQI practices.

24 13 DIVISION VII
 24 14 IOWA RESOURCES ENHANCEMENT AND PROTECTION (REAP) FUND
 24 15 SPECIAL PROVISIONS
 24 16 Sec. 23. 2017 Iowa Acts, chapter 168, is amended by adding
 24 17 the following new section:

24 18 New section SEC. 56. REAP — IN LIEU OF GENERAL FUND
 24 19 APPROPRIATION. In lieu of the standing appropriation in
 24 20 section 455A.18, there is appropriated from the environment
 24 21 first fund created in section 8.57A to the Iowa resources
 24 22 enhancement and protection fund for the fiscal year beginning
 24 23 July 1, 2018, and ending June 30, 2019, the following amount,
 24 24 to be allocated as provided in section 455A.19:
 24 25 \$ 12,000,000

CODE: Appropriates \$12,000,000 from the EFF to the Resource Enhancement and Protection (REAP) Fund in lieu of the \$20,000,000 General Fund standing appropriation.

DETAIL: Maintains the current level of funding compared to estimated net FY 2018.

24 26 Sec. 24. 2017 Iowa Acts, chapter 168, is amended by adding
 24 27 the following new section:

24 28 NEW SECTION SEC. 57. REAP — STATE PARK MAINTENANCE AND
 24 29 OPERATIONS.
 24 30 1. Notwithstanding sections 455A.18 and 455A.19, there is
 24 31 allocated from moneys in the Iowa resources enhancement and
 24 32 protection fund to the department of natural resources for the
 24 33 fiscal year beginning July 1, 2018, and ending June 30, 2019,
 24 34 the following amount, or so much thereof as is necessary, to be
 24 35 used for the purposes designated:
 25 1 For purposes of supporting the regular maintenance and
 25 2 operations of state parks and staff time associated with these
 25 3 activities:
 25 4 \$ 2,000,000

CODE: Allocates \$2,000,000 from the REAP Fund for State park maintenance and operations for FY 2019.

DETAIL: This is a new allocation from the REAP Fund.

25 5 2. After the allocation of moneys provided in subsection 1,
 25 6 all remaining unobligated and unencumbered moneys in the Iowa
 25 7 resources enhancement and protection fund shall be allocated as
 25 8 otherwise required in section 455A.19.

Specifies that the \$2,000,000 will be allocated prior to the distribution of other REAP funds using the percentages specified in Iowa Code section [455A.19](#).

25 9 Sec. 25. 2017 Iowa Acts, chapter 168, is amended by adding
 25 10 the following new section:

25 11 NEW SECTION SEC. 58. REAP — OPEN SPACES ACCOUNT —
 25 12 STATE PARK MAINTENANCE AND REPAIR. Notwithstanding section
 25 13 455A.19, subsection 1, paragraph “a”, subparagraph (1), of
 25 14 the moneys allocated to the open spaces account of the Iowa
 25 15 resources enhancement and protection fund, up to \$1,000,000 may
 25 16 be used by the department of natural resources for state park
 25 17 maintenance and repair for the fiscal year beginning July 1,
 25 18 2018, and ending on June 30, 2019.

CODE: Allows the DNR to use up to \$1,000,000 in FY 2019 from the Open Spaces Account in the REAP Fund for State park maintenance and repair expenditures.

25 19 DIVISION VIII
 25 20 IOWA CODE CHANGES

25 21 Sec. 26. NEW SECTION 455B.262B COOPERATION WITH THE STATE
 25 22 GEOLOGIST.

CODE: Specifies the State Geologist at the University of Iowa will provide assistance to the DNR for water resources programs.

25 23 The department may request and shall receive assistance from
 25 24 the state geologist pursuant to section 456.14 to allow for the
 25 25 allocation and use of water resources, and the preclusion of
 25 26 conflicts among users of water resources, as provided in this
 25 27 part.

25 28 Sec. 27. NEW SECTION 456.14 WATER RESOURCE MANAGEMENT.

CODE: Specifies the duties of the State Geologist.

25 29 1. The state geologist shall maintain historical data,
 25 30 collect existing data, and compile new data regarding water
 25 31 resources, including surface water sources and groundwater
 25 32 sources, and geological formations that impact upon those water
 25 33 resources. Such data shall be managed in a manner that allows
 25 34 it to be made available for use by the department of natural
 25 35 resources and the public.

26 1 2. The state geologist shall measure, assess, and evaluate
 26 2 groundwater sources and subsurface geological formations in
 26 3 a manner that assists the department of natural resources in
 26 4 optimizing allocations and uses of groundwater sources in
 26 5 this state, including as provided in chapter 455B, division
 26 6 III, part 4. The state geologist may use data described in
 26 7 subsection 1 to measure, assess, and evaluate all of the
 26 8 following:

CODE: Requires the State Geologist to assist the DNR with groundwater evaluations.

26 9 a. The sustainability and existing or potential
 26 10 vulnerabilities of groundwater sources.

26 11 b. The risk, prediction, or indication of drought, the

26 12 impacts of drought, and the presence, intensity, or duration
26 13 of drought conditions.
26 14 c. Subsurface geologic hazards to groundwater resources.
26 15 d. The recharge of groundwater sources, including recharge
26 16 rates.
26 17 e. The presence of reserves of groundwater sources.
26 18 f. The potential of groundwater sources present in
26 19 subsurface geologic formations.

26 20 3. The state geologist shall develop and use management
26 21 tools, computer programming, or modeling as necessary or
26 22 convenient to administer this section.

CODE: Requires that the State Geologist to develop computer programs or modelling methods to maintain water resource information.

26 23 4. The state geologist shall prepare, use, and make
26 24 available maps or other methods of presentation that provide
26 25 for the geospatial visualization of data described in
26 26 subsection 1 as necessary or convenient to administer this
26 27 section.

CODE: Requires the State Geologist to prepare and distribute maps and other presentations to enable visualization of water resource data.

26 28 5. Upon request by the department of natural resources, the
26 29 state geologist shall assist the department in regulating water
26 30 quantity from water resources as provided in section 455B.262B.

CODE: Requires that the State Geologist assist the DNR with regulating water quantity resources upon request of the DNR.

Summary Data

General Fund

	Actual FY 2017 (1)	Estimated Net FY 2018 (2)	Gov Rec FY 2019 (3)	Final Action FY 2019 (4)	Final Action vs. Est Net 2018 (5)
Agriculture and Natural Resources	\$ 41,177,551	\$ 38,532,522	\$ 38,637,484	\$ 39,357,522	\$ 825,000
Grand Total	\$ 41,177,551	\$ 38,532,522	\$ 38,637,484	\$ 39,357,522	\$ 825,000

Agriculture and Natural Resources

General Fund

	Actual FY 2017 (1)	Estimated Net FY 2018 (2)	Gov Rec FY 2019 (3)	Final Action FY 2019 (4)	Final Action vs. Est Net 2018 (5)	Page and Line # (6)
<u>Agriculture and Land Stewardship, Dept of</u>						
Agriculture and Land Stewardship						
Administrative Division	\$ 17,150,343	\$ 17,451,888	\$ 17,451,888	\$ 18,023,339	\$ 571,451	PG 2 LN 7
Milk Inspections	189,196	189,196	189,196	189,196	0	PG 4 LN 31
Local Food and Farm	75,000	75,000	75,000	75,000	0	PG 5 LN 14
Agricultural Education	25,000	25,000	25,000	25,000	0	PG 6 LN 1
Farmers with Disabilities	130,000	130,000	130,000	130,000	0	PG 6 LN 19
Iowa Emergency Food Purchase Program	100,000	0	0	0	0	
Water Quality Initiative	4,320,201	3,000,000	3,000,000	3,000,000	0	PG 7 LN 29
Foreign Animal Disease	0	100,000	250,000	250,000	150,000	PG 7 LN 14
Total Agriculture and Land Stewardship, Dept of	\$ 21,989,740	\$ 20,971,084	\$ 21,121,084	\$ 21,692,535	\$ 721,451	
<u>Natural Resources, Department of</u>						
Natural Resources						
Natural Resources Operations	\$ 11,507,811	\$ 11,176,438	\$ 11,176,438	\$ 11,554,987	\$ 378,549	PG 10 LN 15
Floodplain Management Program	1,885,000	1,885,000	1,885,000	1,510,000	-375,000	PG 13 LN 18
Forestry Health Management	470,000	500,000	500,000	500,000	0	PG 14 LN 5
Total Natural Resources, Department of	\$ 13,862,811	\$ 13,561,438	\$ 13,561,438	\$ 13,564,987	\$ 3,549	
<u>Regents, Board of</u>						
Regents, Board of						
ISU - Iowa Nutrient Research Center	\$ 1,325,000	\$ 0	\$ 0	\$ 0	\$ 0	
ISU - Veterinary Diagnostic Laboratory	4,000,000	4,000,000	3,954,962	4,100,000	100,000	PG 14 LN 27
Total Regents, Board of	\$ 5,325,000	\$ 4,000,000	\$ 3,954,962	\$ 4,100,000	\$ 100,000	
Total Agriculture and Natural Resources	\$ 41,177,551	\$ 38,532,522	\$ 38,637,484	\$ 39,357,522	\$ 825,000	

Summary Data

Other Funds

	Actual FY 2017 (1)	Estimated Net FY 2018 (2)	Gov Rec FY 2019 (3)	Final Action FY 2019 (4)	Final Action vs. Est Net 2018 (5)
Agriculture and Natural Resources	\$ 89,699,341	\$ 90,319,878	\$ 90,319,878	\$ 90,429,878	\$ 110,000
Grand Total	\$ 89,699,341	\$ 90,319,878	\$ 90,319,878	\$ 90,429,878	\$ 110,000

Agriculture and Natural Resources

Other Funds

	Actual FY 2017 (1)	Estimated Net FY 2018 (2)	Gov Rec FY 2019 (3)	Final Action FY 2019 (4)	Final Action vs. Est Net 2018 (5)	Page and Line # (6)
<u>Agriculture and Land Stewardship, Dept of</u>						
Agriculture and Land Stewardship						
Native Horse & Dog Prog - Unclaimed Winnings	\$ 295,516	\$ 295,516	\$ 295,516	\$ 305,516	\$ 10,000	PG 3 LN 4
Motor Fuel Inspection - RFIF	500,000	500,000	500,000	500,000	0	PG 3 LN 19
Conservation Reserve Enhance - EFF	1,000,000	1,000,000	1,000,000	1,000,000	0	PG 15 LN 34
Watershed Protection Fund - EFF	900,000	900,000	900,000	900,000	0	PG 16 LN 16
Farm Management Demo - EFF	625,000	375,000	375,000	0	-375,000	
Soil & Water Conservation - EFF	2,800,000	3,800,000	3,800,000	3,800,000	0	PG 16 LN 35
Conservation Reserve Prog - EFF	1,000,000	900,000	900,000	900,000	0	PG 17 LN 8
Cost Share - EFF	6,750,000	8,325,000	8,325,000	8,325,000	0	PG 17 LN 18
Water Quality Initiative - EFF	0	2,375,000	2,375,000	2,375,000	0	PG 21 LN 31
Agriculture and Land Stewardship	\$ 13,870,516	\$ 18,470,516	\$ 18,470,516	\$ 18,105,516	\$ -365,000	
Loess Hills Dev. and Conservation						
Loess Hills - EFF	\$ 600,000	\$ 0	\$ 0	\$ 0	\$ 0	
Total Agriculture and Land Stewardship, Dept of	\$ 14,470,516	\$ 18,470,516	\$ 18,470,516	\$ 18,105,516	\$ -365,000	

Agriculture and Natural Resources

Other Funds

	Actual FY 2017 (1)	Estimated Net FY 2018 (2)	Gov Rec FY 2019 (3)	Final Action FY 2019 (4)	Final Action vs. Est Net 2018 (5)	Page and Line # (6)
<u>Natural Resources, Department of</u>						
Natural Resources						
Fish & Game - DNR Admin Expenses	\$ 43,147,993	\$ 43,768,530	\$ 43,768,530	\$ 43,768,530	\$ 0	PG 11 LN 11
GWF - Storage Tanks Study	100,303	100,303	100,303	100,303	0	PG 12 LN 7
GWF - Household Hazardous Waste	447,324	447,324	447,324	447,324	0	
GWF - Well Testing Admin 2%	62,461	62,461	62,461	62,461	0	
GWF - Groundwater Monitoring	1,686,751	1,686,751	1,686,751	1,686,751	0	
GWF - Landfill Alternatives	618,993	618,993	618,993	618,993	0	
GWF - Waste Reduction and Assistance	192,500	192,500	192,500	192,500	0	
GWF - Solid Waste Alternatives	50,000	50,000	50,000	50,000	0	
GWF - Geographic Information System	297,500	297,500	297,500	297,500	0	
Snowmobile Registration Fees	100,000	100,000	100,000	100,000	0	PG 12 LN 25
Administration Match - UST	200,000	200,000	200,000	200,000	0	PG 13 LN 2
Park Operations & Maintenance - EFF	6,235,000	6,235,000	6,235,000	6,235,000	0	PG 19 LN 16
GIS Information for Watershed - EFF	195,000	195,000	195,000	195,000	0	PG 19 LN 25
Water Quality Monitoring - EFF	2,955,000	2,955,000	2,955,000	2,955,000	0	PG 19 LN 31
Water Quality Protection - EFF	500,000	500,000	500,000	500,000	0	PG 20 LN 1
Animal Feeding Operations - EFF	1,320,000	1,320,000	1,320,000	1,320,000	0	PG 20 LN 6
Ambient Air Quality Monitoring - EFF	425,000	425,000	425,000	425,000	0	PG 20 LN 11
Water Quantity - EFF	495,000	495,000	495,000	0	-495,000	
Geological and Water Survey - EFF	200,000	200,000	200,000	0	-200,000	
REAP - EFF	16,000,000	12,000,000	12,000,000	12,000,000	0	PG 24 LN 18
Floodplain Management - EFF	0	0	0	375,000	375,000	PG 20 LN 31
Total Natural Resources, Department of	\$ 75,228,825	\$ 71,849,362	\$ 71,849,362	\$ 71,529,362	\$ -320,000	
<u>Regents, Board of</u>						
Regents, Board of						
Water Quantity Program - EFF	\$ 0	\$ 0	\$ 0	\$ 495,000	\$ 495,000	PG 21 LN 17
Geological and Water Survey - EFF	0	0	0	200,000	200,000	PG 21 LN 8
Total Regents, Board of	\$ 0	\$ 0	\$ 0	\$ 695,000	\$ 695,000	

Agriculture and Natural Resources

Other Funds

	Actual FY 2017 (1)	Estimated Net FY 2018 (2)	Gov Rec FY 2019 (3)	Final Action FY 2019 (4)	Final Action vs. Est Net 2018 (5)	Page and Line # (6)
Treasurer of State, Office of						
Treasurer of State						
Farm Management Demonstration - WPF	\$ 0	\$ 0	\$ 0	\$ 100,000	\$ 100,000	PG 4 LN 4
Total Treasurer of State, Office of	\$ 0	\$ 0	\$ 0	\$ 100,000	\$ 100,000	
Total Agriculture and Natural Resources	\$ 89,699,341	\$ 90,319,878	\$ 90,319,878	\$ 90,429,878	\$ 110,000	

Summary Data

FTE Positions

	Actual FY 2017 (1)	Estimated Net FY 2018 (2)	Gov Rec FY 2019 (3)	Final Action FY 2019 (4)	Final Action vs. Est Net 2018 (5)
Agriculture and Natural Resources	1,306.21	1,425.92	1,419.87	1,568.95	143.03
Grand Total	1,306.21	1,425.92	1,419.87	1,568.95	143.03

Agriculture and Natural Resources

FTE Positions

	Actual FY 2017 (1)	Estimated Net FY 2018 (2)	Gov Rec FY 2019 (3)	Final Action FY 2019 (4)	Final Action vs. Est Net 2018 (5)	Page and Line # (6)
<u>Agriculture and Land Stewardship, Dept of</u>						
Agriculture and Land Stewardship						
Administrative Division	300.10	316.97	316.97	372.00	55.03	PG 2 LN 7
Total Agriculture and Land Stewardship, Dept of	300.10	316.97	316.97	372.00	55.03	
<u>Natural Resources, Department of</u>						
Natural Resources						
Natural Resources Operations	946.94	1,057.95	1,054.95	1,145.95	88.00	PG 10 LN 15
Total Natural Resources, Department of	946.94	1,057.95	1,054.95	1,145.95	88.00	
<u>Regents, Board of</u>						
Regents, Board of						
ISU - Veterinary Diagnostic Laboratory	42.34	51.00	47.95	51.00	0.00	PG 14 LN 27
ISU - Iowa Nutrient Research Center	16.83	0.00	0.00	0.00	0.00	
Total Regents, Board of	59.17	51.00	47.95	51.00	0.00	
Total Agriculture and Natural Resources	1,306.21	1,425.92	1,419.87	1,568.95	143.03	